

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/000212

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 H04B 7/26**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04B7/26, H04Q7/38, H04L12/28, H04L12/56  
ECLA H04W13/42Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR : IPC as aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
KIPASS, ESPACENET, INSPECT & Keywords : handoff, heterogeneous, threshold, link, quality and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5329635 A ( MOTOROLA, INC. ) 12 July 1994 * abstract, column 3 line 41 - column 4 line 2, figure 4, claim 1 *	1 - 19
Y	US 2003/0017842 A1 ( BRYAN JEFFERY MOLES ET AL ) 23 January 2003 * abstract, paragraphs [0034] - [0038], figure 4, claim 1 *	1 - 19
A	US 2002/0085516 A1 ( SYMBOL TECHNOLOGIES, INC. ) 14 December 2001 * paragraphs [0026] - [0027], [0062] - [0083], figures 1, 12, 13 *	1 - 19
P, X	US 6804532 B1 ( CISCO TECHNOLOGY, INC. ) 12 October 2004 * abstract, column 13 line 14 - column 15 line 10, figure 5 *	1 - 19
P, A	WO 2004/068797 A2 ( QUALCOMM INCORPORATED ) 12 August 2004 * paragraphs [1026] - [1045], figures 3-6 *	1 - 19

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family


Date of the actual completion of the international search

20 MAY 2005 (20.05.2005)

Date of mailing of the international search report

21 MAY 2005 (21.05.2005)

Name and mailing address of the ISA/KR



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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000212

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US5329635A	12-07-1994	NONE	
US20030017842A1	23-01-2003	NONE	
US20020085516A1	04-07-2002	BR200108933A CA2398185A1 EP1346597A2 JP2004517574T2 KR1020020079726 US2002085516A1 W02002054820A3 W02002054820A2 ZA200205665A	24-12-2002 11-07-2002 24-09-2003 10-06-2004 19-10-2002 04-07-2002 13-03-2003 11-07-2002 20-10-2003
US6804532B1	12-10-2004	NONE	
W02004068797A2	12-08-2004	US2004151136A1 W02004068797A3	05-08-2004 18-11-2004